This week:

- Review the paper of ChinaVis.
- Voice project

  This week, the project can generate the basic chart or trajectories by voice input.

Next week we will discuss what should we do next.

- Read the review about semantic trajectories. The review mainly talk about:(red is the solution)

1. The discussion of exist methods about querying trajectories through semantics. Review the works of the University of Zurich, Patrick Laube and Anna-Katharina Lautenschütz
2. The novelty of visual encodings. Reorganize the paper.
3. We will redo the case study. Find some real motivated cases.
4. Comparisons of the querying method with other approaches should be included
5. Figure is not clearly describe what we find by using our system
6. Lack of the discussion of the scalability.

For this paper, i prefer to submit it when i come back to china, so that I can easily discuss with shengjie, code the system, do good case studies and figure. For now, I can't use the system and find good cases.

- Read paper

《Metro-Wordle: An Interactive Visualization for Urban Text Distributions Based on Wordle》利用地铁将城市分块之后，利用文本性的信息，e.g.POI 来填充空白区域，形成文字地图。效果很好

《SimpliFly: A Methodology for Simplification and Thematic Enhancement of Trajectories》轨迹的简化方法，三种与轨迹的语义增强方法，利用计算后聚类的种类编码轨迹颜色。可以增强大量轨迹的语义。

《Visual Interactive Map Matching》利用交互的方法，微调轨迹在路网上的映射。微调后类似的轨迹能够类似的微调，使得 map matching 结果逐步变好。

《Exploration Strategies for Discovery of Interactivity in Visualizations》可以增加交互的地方及交互设计方法，应用于 voice project。

《Sequence Synopsis: Optimize Visual Summary of Temporal Event Data》时间序列数据的简化与归类，形成了能够很大程度上容忍噪音的可视化方法。

Next week
Review the paper
discuss